BRUHAT BENGALURU MAHANAGARA PALIKE

Name of the Work:
Developmental and Other Works at Siddharthanagara in Ward-16

Head of Account : | **Est. Amt. Rs. 60.00 Lakhs**

Sl. No.	Description of Item	Unit	No	L	B	D	QTY	Rate	AMT
1	**Earthwork in surface excavation in Hard soil for levelling and lowering the ground manually** (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. **(P.5/2.2 2016-17 BLORE CIRCLE PWD SR)**							Cum	
	63mm Dia Main Lines								
a	Proposed Main Road Water Line Marked In Brown Colour			365.00	Avg				
	Qty - a + b		1	365.00	1.75	0.50	319.38		
	50mm Dia Main Lines								
b	Proposed Main Water Line Marked In Orange Color			3500.00					
c	25% of Length vide 1(a) for additional line to connect small internal lanes			875.00	Avg				
	Qty - c		1	4375.00	1.75	0.50	3828.13		
							4147.51	~~233.20~~	967199
	Basic Rate	220.00							
	Area Weightage	~~13.20~~							
	Total Rate	~~233.20~~ 237.60							
2	**Earthwork excavation** for foundation of buildings, **water supply**, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, **in hard soil** not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications. **(P.5/2.4 2016-17 BLORE CIRCLE PWD SR)**							Cum	
	63mm Dia Main Lines								
	30% Pipe length of Item no.1 (a)		1	109.50	0.30	0.60	19.71		
	70% Pipe length of Item no.1 (a)		1	255.50	0.30	0.45	34.49		
	50mm Dia Main Lines								
	30% Pipe length of Item no.1 (b+c)		1	1312.50	0.30	0.60	236.25		
	70% Pipe length of Item no.1 (b+c)		1	3062.50	0.30	0.45	413.44		

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Sl. No.	Description of Item	Unit	No	L	B	D	QTY	Rate	AMT
	32mm Dia Distribution Lines								
	Proposed Distribution Line to 1070 nos House Connection		1070	1.50	0.30	0.60	288.90		
							992.79	299.98	297817
	Basic Rate	283.00							
	Area Weightage	~~16.98~~ 22.64							
	Total Rate	~~299.98~~ 305.64							
3	**Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Cement concrete road. (P.264/37.40 2016-17 BLORE CIRCLE PWD SR)**							**Cum**	
	70% Pipe length of Item no.2		1	3318.00	0.30	0.15	149.31	643.42	96069
	Basic Rate	607.00							
	Area Weightage	36.42							
	Total Rate	643.42							
4	**Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work) - 62.5mm nominal OD pipes (P.97/13.87.7 2016-17 BLORE CIRCLE PWD SR)**							**mtr**	
		mtr	1	365.00			365.00	1473.40	537791
	Basic Rate	1390.00							
	Area Weightage	83.40							
	Total Rate	1473.40							
5	**Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 50mm nominal OD pipes (P.97/13.87.6 2016-17 BLORE CIRCLE PWD SR)**							**mtr**	
		mtr	1	4375.00			4375.00	477.00	2086875
	Basic Rate	450.00							
	Area Weightage	27.00							
	Total Rate	477.00							
6	**Providing and fixing gun metal wheel valve conforming to IS specification of approved make as per directions including all lead and lift etc., complete.- for 50mm dia (P.94/13.79.6 2016-17 BLORE CIRCLE PWD SR)** 50mm							**Nos**	
		Nos	30				30	1526.40	45792
	Basic Rate	1440.00							
	Area Weightage	86.40							
	Total Rate	1526.40							

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Sl. No.	Description of Item	Unit	No	L	B	D	QTY	Rate	AMT
7	**Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work) - 32mm nominal CD pipes (P.97/13.87.4 2016-17 BLORE CIRCLE PWD SR)**							mtr	
	Proposed Distribution Line to 1070 nos House Connection		1070	1.80			1926.00		
							1926.00	227.90	438935
	Basic Rate	215.00							
	Area Weightage	12.90							
	Total Rate	227.90							
8	Providing and constructing **burnt brick masonry with approved quality of modular bricks of standard size of class designation 7.5Newton per sqmm (Machine moulded Wirecut bricks)** with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. **(P.28/6.20 2016-17 BLORE CIRCLE PWD SR)**							mtr	
	Chambers for Gate Valve Operation	30	4	0.45	0.23	0.30	3.73		
							3.73	10983.72	40969
	Basic Rate	10362.00							
	Area Weightage	621.72							
	Total Rate	10983.72							
9	Providing and fixing in position **Bib Cock of approved quality 25mm nominal bore - NP** including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. **(Sl.No.6[illegible]/Page-XXI 2016-17 BLORE CIRCLE PWD SR)**							Nos	
	1070 nos House Connection		1	1200			1200	227.90	273480
	Basic Rate	215.00							
	Area Weightage	12.90							
	Total Rate	227.90							
10	**Providing and filling sand in foundation** upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications. **(P.6/2.13 2016-17 BLORE CIRCLE PWD SR)**							Cum	
	Excavated trench portion		1	3318.00	0.30	0.50	497.70		
							497.70	2263.10	1126345
	Basic Rate	2135.00							
	Area Weightage	128.10							
	Total Rate	2263.10							
									5911272

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Sl. No.	Description of Item	Unit	No	L	B	D	QTY	Rate	AMT
11	PMC Charges @ 1.5%								88669
	Miscellaneous & Other								59
								TOTAL ESTIMATED COST - Rs.	6000000
TOTAL ESTIMATED COST IS RUPEES SIXTY LAKHS ONLY/-									

Certificate

1. Certified that I have personally Inspected the spot.
2. Certified that the Estimate is prepared as per PWD CSR 2016-17 in most economical and safe way of executing the work.

AE
WARD-16

ASSISTANT EXECUTIVE ENGINEER
YESHWANTHPUR SUB-DIVISION
BBMP

EXECUTIVE ENGINEER
RR NAGARA DIVISION
BBMP

ನಂ.: 5 | ದಿನಾಂಕ: 2/8/17

ರೂ. 60 = 00 lakhs (Sixty lakhs only)

ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ರಾಜರಾಜೇಶ್ವರಿ ನಗರ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-72

TECHNICAL SANCTION

Rs: 60,00,000/- (Rs Sixty lakhs only) is accorded under the head: P-3111 SFC 17-18

By CE(R.R.N.) 130/17-18

Registered as CE (R.R.N) No: 36-37 subject to conditions contained in enclosed memo No: 130/17-18 Date: 7/8/17

TA,

CE (R.R.N.)

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